Rock, Soil, or Water?

**Introduction:** Students in kindergarten need to know that the natural world contains rocks, soil, and water. This activity gives students some practice in determining the properties of each of the items listed above.

**Grade Level and Subject:** Kindergarten Science and P.E.

**TEKS:** Science 10A  
P.E. 1A, 1B, 3A, 7A, 7B

**Materials:** none

**Resource:** *201 Games for the Elementary Physical Education Program* by Jerry D. Poppen.  
ISBN: 0-13-042061-1

**Activity:** This activity should take place after students have sufficient knowledge about the properties of rocks, soil, and water.

The teacher will take the students to the playground or to the gym. Students will make sure that there is plenty of space between themselves to allow for the movement of this activity.

The teacher will call out a property of rocks, soil, or water. Students will respond in the following manner.

- If the property described is of a rock, students will run around until the teacher signals them to go back to their starting positions.
- If the property described is of soil, students will skip around until the teacher signals them back to their starting positions.
- If the property described is of water, students will wiggle their bodies around until the teacher signals them to return to their starting positions.

For example, if the teacher calls out that a person can swim in it, students should begin wiggling since they wiggle for the properties of water. The teacher can determine other movements to depict the properties of rocks, soil, and water; however, this lesson has each movement begin with the same letter as the item. For example, the students will *run* with properties of rocks, *skip* with properties of soil, and *wiggle* with properties of water. The teacher can determine when the activity will end.

**Evaluation:** The teacher will monitor all activity and answer any questions that students might ask.

---

Educational programs of the Texas AgriLife Extension Service are open to all people without regard to race, color, sex, disability, religion, age, or national origin. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating.